SCORE Search Results Details for Application 10516759 and Search Result 20081112_112531_us-10-516-759-14_copy_24_81.rapbn.

This page gives you Search Results detail for the Application 10516759 and Search Result 20081112_112531_us-10-516-759-14_copy_24_81.rapbn.

Go Back to previous page

```
                          GenCore version 6.3
                 Copyright (c) 1993 - 2008  Biocceleration Ltd.


OM protein - protein search, using sw model

Run on:          November 12, 2008, 12:22:02 ; Search time 3 Seconds
                                             (without alignments)
                                             79.618 Million cell updates/sec

Title:           US-10-516-759-14_COPY_24_81
Perfect score:   350
Sequence:        1 DIKHNRPRRDCVAEGKVCDP.........RNYSRGGVCVTHCNFLNGEP 58

Scoring table:   BLOSUM62
                 Gapop 10.0 , Gapext 0.5

Searched:        26953 seqs, 4118148 residues

Total number of hits satisfying chosen parameters:      26953

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 45 summaries

Database :        Published_Applications_AA_New:*
                 1:  /ABSS/Data/CRF/ptodata/2/pubpaa/US08_NEW_PUB.pep:*
                 2:  /ABSS/Data/CRF/ptodata/2/pubpaa/US10_NEW_PUB.pep:*
                 3:  /ABSS/Data/CRF/ptodata/2/pubpaa/US11_NEW_PUB.pep:*
                 4:  /ABSS/Data/CRF/ptodata/2/pubpaa/US12_NEW_PUB.pep:*

      Pred. No. is the number of results predicted by chance to have a
      score greater than or equal to the score of the result being printed,
```

and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	200	57.1	1210	4	US-12-076-413-24	Sequence 24, Appl
2	185	52.9	1210	4	US-12-076-413-20	Sequence 20, Appl
3	185	52.9	1210	4	US-12-076-413-22	Sequence 22, Appl
4	179	51.1	1210	4	US-12-052-760A-125	Sequence 125, App
5	174	49.7	653	4	US-12-099-798A-3	Sequence 3, Appli
6	174	49.7	683	3	US-11-905-876-2	Sequence 2, Appli
7	174	49.7	712	4	US-12-099-798A-7	Sequence 7, Appli
8	174	49.7	919	4	US-12-099-798A-6	Sequence 6, Appli
9	174	49.7	1255	4	US-12-052-760A-126	Sequence 126, App
10	174	49.7	1256	4	US-12-099-798A-1	Sequence 1, Appli
11	173	49.4	654	4	US-12-099-798A-8	Sequence 8, Appli
12	173	49.4	1256	4	US-12-099-798A-2	Sequence 2, Appli
13	164	46.9	1256	4	US-12-099-798A-14	Sequence 14, Appl
14	87.5	25.0	419	3	US-11-429-374-1811	Sequence 1811, Ap
15	87.5	25.0	1006	3	US-11-429-374-1643	Sequence 1643, Ap
16	73	20.9	1593	3	US-11-909-021-50	Sequence 50, Appl
17	65.5	18.7	280	3	US-11-803-705-5	Sequence 5, Appli
18	65.5	18.7	285	3	US-11-803-705-4	Sequence 4, Appli
19	65.5	18.7	288	3	US-11-803-705-2	Sequence 2, Appli
20	65.5	18.7	290	3	US-11-803-705-3	Sequence 3, Appli
21	65.5	18.7	308	3	US-11-803-705-7	Sequence 7, Appli
22	65.5	18.7	308	3	US-11-803-705-8	Sequence 8, Appli
23	65.5	18.7	317	3	US-11-803-705-6	Sequence 6, Appli
24	65.5	18.7	319	3	US-11-803-705-1	Sequence 1, Appli
25	65	18.6	2196	4	US-12-055-597-122	Sequence 122, App
26	63.5	18.1	1260	4	US-12-029-557-151	Sequence 151, App
27	62.5	17.9	1285	3	US-11-365-756-118	Sequence 118, App
28	62	17.7	1263	4	US-12-029-557-142	Sequence 142, App
29	61.5	17.6	182	4	US-12-006-933-30	Sequence 30, Appl
30	61.5	17.6	909	4	US-12-010-108-4	Sequence 4, Appli
31	58.5	16.7	266	4	US-12-012-885-35	Sequence 35, Appl
32	58	16.6	1843	3	US-11-570-869-30	Sequence 30, Appl
33	58	16.6	3846	3	US-11-365-756-131	Sequence 131, App
34	57	16.3	313	4	US-12-012-885-71	Sequence 71, Appl
35	55	15.7	483	3	US-11-822-885A-18	Sequence 18, Appl
36	55	15.7	586	3	US-11-365-756-116	Sequence 116, App
37	55	15.7	939	3	US-11-365-756-61	Sequence 61, Appl
38	55	15.7	954	3	US-11-365-756-59	Sequence 59, Appl
39	55	15.7	1034	3	US-11-365-756-51	Sequence 51, Appl
40	55	15.7	1049	3	US-11-365-756-47	Sequence 47, Appl
41	55	15.7	1078	3	US-11-365-756-53	Sequence 53, Appl
42	55	15.7	1093	3	US-11-365-756-49	Sequence 49, Appl

43	55	15.7	1136	3	US-11-365-756-57	Sequence 57, Appl
44	55	15.7	1140	3	US-11-365-756-114	Sequence 114, App
45	55	15.7	1151	3	US-11-365-756-55	Sequence 55, Appl

ALIGNMENTS

RESULT 1
US-12-076-413-24
; Sequence 24, Application US/12076413
; Publication No. US20080241168A1
; GENERAL INFORMATION:
; APPLICANT: Kuja-Panula, Juha
; APPLICANT: Kiiltomaki, Marjaana
; APPLICANT: Rauvala, Heikki
; TITLE OF INVENTION: NOVEL PROTEIN AND USES THEREOF
; FILE REFERENCE: 0933-0246PUS1
; CURRENT APPLICATION NUMBER: US/12/076,413
; CURRENT FILING DATE: 2008-03-18
; PRIOR APPLICATION NUMBER: US/10/537,102
; PRIOR FILING DATE: 2005-06-02
; PRIOR APPLICATION NUMBER: US 60/433,011
; PRIOR FILING DATE: 2002-12-13
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 24
; LENGTH: 1210
; TYPE: PRT
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Murine EGFR
US-12-076-413-24

Query Match 57.1%; Score 200; DB 4; Length 1210;
Best Local Similarity 59.6%; Pred. No. 6.5e-18;
Matches 34; Conservative 5; Mismatches 18; Indels 0; Gaps 0;

```
Qy          2 IKHNRPRRDCVAEGKVCDPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58
              | :||  :|| |   ||:||||| ||||| |  |:||:| |||  ||  || | |||
Db        490 IMNNRAEKDCKAVNHVCNPLCSSEGCWGPEPRDCVSCQNVSRGRECVEKCNILEGEP 546
```

RESULT 2
US-12-076-413-20
; Sequence 20, Application US/12076413
; Publication No. US20080241168A1
; GENERAL INFORMATION:

```
;  APPLICANT: Kuja-Panula, Juha
;  APPLICANT:  Kiiltomaki, Marjaana
;  APPLICANT:  Rauvala, Heikki
;  TITLE OF INVENTION: NOVEL PROTEIN AND USES THEREOF
;  FILE REFERENCE: 0933-0246PUS1
;  CURRENT APPLICATION NUMBER: US/12/076,413
;  CURRENT FILING DATE:  2008-03-18
;  PRIOR APPLICATION NUMBER: US/10/537,102
;  PRIOR FILING DATE: 2005-06-02
;  PRIOR APPLICATION NUMBER: US 60/433,011
;  PRIOR FILING DATE: 2002-12-13
;  NUMBER OF SEQ ID NOS: 79
;  SOFTWARE: PatentIn version 3.3
; SEQ ID NO 20
;   LENGTH: 1210
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-12-076-413-20

  Query Match             52.9%;  Score 185;  DB 4;  Length 1210;
  Best Local Similarity   59.3%;  Pred. No. 4.7e-16;
  Matches   32;  Conservative    2;  Mismatches   20;  Indels    0;  Gaps    0;

Qy          5 NRPRRDCVAEGKVCDPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58
              ||    | | |:||  |||  ||||| |  |:|||| |||  ||  || | |||
Db        493 NRGENSCKATGQVCHALCSPEGCWGPEPRDCVSCRNVSRGRECVDKCNLLEGEP 546


RESULT 3
US-12-076-413-22
; Sequence 22, Application US/12076413
; Publication No. US20080241168A1
; GENERAL INFORMATION:
;  APPLICANT: Kuja-Panula, Juha
;  APPLICANT:  Kiiltomaki, Marjaana
;  APPLICANT:  Rauvala, Heikki
;  TITLE OF INVENTION: NOVEL PROTEIN AND USES THEREOF
;  FILE REFERENCE: 0933-0246PUS1
;  CURRENT APPLICATION NUMBER: US/12/076,413
;  CURRENT FILING DATE:  2008-03-18
;  PRIOR APPLICATION NUMBER: US/10/537,102
;  PRIOR FILING DATE: 2005-06-02
;  PRIOR APPLICATION NUMBER: US 60/433,011
;  PRIOR FILING DATE: 2002-12-13
;  NUMBER OF SEQ ID NOS: 79
;  SOFTWARE: PatentIn version 3.3
; SEQ ID NO 22
;   LENGTH: 1210
;   TYPE: PRT
```

```
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: misc_feature
;   OTHER INFORMATION: Human EGFR
US-12-076-413-22

  Query Match             52.9%;  Score 185;  DB 4;  Length 1210;
  Best Local Similarity   59.3%;  Pred. No. 4.7e-16;
  Matches   32;  Conservative    2;  Mismatches   20;  Indels    0;  Gaps    0;

Qy          5 NRPRRDCVAEGKVCDPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58
              ||    | | |:||  |||  ||||| |  |:|||| |||  ||  || | |||
Db        493 NRGENSCKATGQVCHALCSPEGCWGPEPRDCVSCRNVSRGRECVDKCNLLEGEP 546


RESULT 4
US-12-052-760A-125
; Sequence 125, Application US/12052760A
; Publication No. US20080194043A1
; GENERAL INFORMATION
;  APPLICANT: Christopher C Burgess et al
;  TITLE OF INVENTION: Detection Methods Using TIMP1
;  FILE REFERENCE: 2002P56009US02
;  CURRENT APPLICATION NUMBER: US/12/052,760A
;  CURRENT FILING DATE: 2008-03-21
;  PRIOR APPLICATION NUMBER: 12/052,762
;  PRIOR FILING DATE: 2008-03-21
;  PRIOR APPLICATION NUMBER: 10/734,564
;  PRIOR FILING DATE: 2003-12-12
;  PRIOR APPLICATION NUMBER: 60/433,554
;  PRIOR FILING DATE: 2002-12-13
;  PRIOR APPLICATION NUMBER: 60/491,397
;  PRIOR FILING DATE: 2003-07-13
;  NUMBER OF SEQ ID NOS: 138
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 125
;  LENGTH: 1210
;  TYPE: PRT
;  ORGANISM: Homo sapiens
US-12-052-760A-125

  Query Match             51.1%;  Score 179;  DB 4;  Length 1210;
  Best Local Similarity   57.4%;  Pred. No. 2.6e-15;
  Matches   31;  Conservative    2;  Mismatches   21;  Indels    0;  Gaps    0;

Qy          5 NRPRRDCVAEGKVCDPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58
              ||    | | |:||  |||  ||||| |  |:|||| |||  ||  |  | |||
Db        493 NRGENSCKATGQVCHALCSPEGCWGPEPRDCVSCRNVSRGRECVDKCKLLEGEP 546
```

```
RESULT 5
US-12-099-798A-3
; Sequence 3, Application US/12099798A
; Publication No. US20080213295A1
; GENERAL INFORMATION
;  APPLICANT: Martin A. Cheever
;  APPLICANT:Dirk Gheysen
;  TITLE OF INVENTION: HER-2/Neu Fusion Proteins
;  FILE REFERENCE: CRX113US2
;  CURRENT APPLICATION NUMBER: US/12/099,798A
;  CURRENT FILING DATE: 2008-05-07
;  PRIOR APPLICATION NUMBER: 09/854,356
;  PRIOR FILING DATE: 2001-05-09
;  PRIOR APPLICATION NUMBER: 09/493,480 (7,198,92
;  PRIOR FILING DATE: 2000-01-28
;  PRIOR APPLICATION NUMBER: 60/177,976
;  PRIOR FILING DATE: 1999-01-29
;  NUMBER OF SEQ ID NOS: 26
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 3
;  LENGTH: 653
;  TYPE: PRT
;  ORGANISM: Homo Sapiens
US-12-099-798A-3

  Query Match             49.7%;  Score 174;  DB 4;  Length 653;
  Best Local Similarity   51.9%;  Pred. No. 6.1e-15;
  Matches   28;  Conservative    5;  Mismatches   21;  Indels    0;  Gaps    0;

Qy          5 NRPRRDCVAEGKVCDPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58
              |||  :|| ||  |  ||: | |||||| ||::|  : ||  ||  |  | | |
Db        498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVEECRVLQGLP 551


RESULT 6
US-11-905-876-2
; Sequence 2, Application US/11905876
; Publication No. US20080213302A1
; GENERAL INFORMATION
;  APPLICANT: Delcayre, Alain
;  APPLICANT:Laus, Reiner
;  APPLICANT:Stefanie, Mandl
;  TITLE OF INVENTION: Methods for Treating Cancer with MVA
;  FILE REFERENCE: BNIT0001-US
;  CURRENT APPLICATION NUMBER: US/11/905,876
;  CURRENT FILING DATE: 2008-02-20
;  PRIOR APPLICATION NUMBER: 60/850,031
;  PRIOR FILING DATE: 2006-10-06
```

```
;  NUMBER OF SEQ ID NOS: 2
;  SOFTWARE: PatentIn version 3.5
; SEQ ID NO 2
;  LENGTH: 683
;  TYPE: PRT
;  ORGANISM: Artificial Sequence
;  FEATURE:
;  OTHER INFORMATION: mHER2 polypeptide
US-11-905-876-2

  Query Match             49.7%;  Score 174;  DB 3;  Length 683;
  Best Local Similarity   51.9%;  Pred. No. 6.3e-15;
  Matches   28;  Conservative    5;  Mismatches   21;  Indels    0;  Gaps    0;

Qy          5 NRPRRDCVAEGKVCDPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58
              |||  :|| ||  |  ||: | |||||| ||::|  : ||  ||  |  | | |
Db        498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVEECRVLQGLP 551


RESULT 7
US-12-099-798A-7
; Sequence 7, Application US/12099798A
; Publication No. US20080213295A1
; GENERAL INFORMATION
;  APPLICANT: Martin A. Cheever
;  APPLICANT:Dirk Gheysen
;  TITLE OF INVENTION: HER-2/Neu Fusion Proteins
;  FILE REFERENCE: CRX113US2
;  CURRENT APPLICATION NUMBER: US/12/099,798A
;  CURRENT FILING DATE: 2008-05-07
;  PRIOR APPLICATION NUMBER: 09/854,356
;  PRIOR FILING DATE: 2001-05-09
;  PRIOR APPLICATION NUMBER: 09/493,480 (7,198,92
;  PRIOR FILING DATE: 2000-01-28
;  PRIOR APPLICATION NUMBER: 60/177,976
;  PRIOR FILING DATE: 1999-01-29
;  NUMBER OF SEQ ID NOS: 26
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 7
;  LENGTH: 712
;  TYPE: PRT
;  ORGANISM: Artificial Sequence
;  FEATURE:
;  OTHER INFORMATION: fusion protein of ECD and delta PD of human
;  OTHER INFORMATION:HER-2/neu
US-12-099-798A-7

  Query Match             49.7%;  Score 174;  DB 4;  Length 712;
  Best Local Similarity   51.9%;  Pred. No. 6.6e-15;
```

```
  Matches   28;  Conservative    5;  Mismatches   21;  Indels    0;  Gaps    0;

Qy          5 NRPRRDCVAEGKVCDPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58
              |||  :|| ||  |  ||: | |||||| ||::|  : ||  ||  |  | | |
Db        498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVEECRVLQGLP 551


RESULT 8
US-12-099-798A-6
; Sequence 6, Application US/12099798A
; Publication No. US20080213295A1
; GENERAL INFORMATION
;  APPLICANT: Martin A. Cheever
;  APPLICANT:Dirk Gheysen
;  TITLE OF INVENTION: HER-2/Neu Fusion Proteins
;  FILE REFERENCE: CRX113US2
;  CURRENT APPLICATION NUMBER: US/12/099,798A
;  CURRENT FILING DATE: 2008-05-07
;  PRIOR APPLICATION NUMBER: 09/854,356
;  PRIOR FILING DATE: 2001-05-09
;  PRIOR APPLICATION NUMBER: 09/493,480 (7,198,92
;  PRIOR FILING DATE: 2000-01-28
;  PRIOR APPLICATION NUMBER: 60/177,976
;  PRIOR FILING DATE: 1999-01-29
;  NUMBER OF SEQ ID NOS: 26
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 6
;  LENGTH: 919
;  TYPE: PRT
;  ORGANISM: Artificial Sequence
;  FEATURE:
;  OTHER INFORMATION: Fusion protein of ECD and PD of human HER-2/neu
US-12-099-798A-6

  Query Match             49.7%;  Score 174;  DB 4;  Length 919;
  Best Local Similarity   51.9%;  Pred. No. 8.4e-15;
  Matches   28;  Conservative    5;  Mismatches   21;  Indels    0;  Gaps    0;

Qy          5 NRPRRDCVAEGKVCDPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58
              |||  :|| ||  |  ||: | |||||| ||::|  : ||  ||  |  | | |
Db        498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVEECRVLQGLP 551


RESULT 9
US-12-052-760A-126
; Sequence 126, Application US/12052760A
; Publication No. US20080194043A1
; GENERAL INFORMATION
;  APPLICANT: Christopher C Burgess et al
```

```
;  TITLE OF INVENTION: Detection Methods Using TIMP1
;  FILE REFERENCE: 2002P56009US02
;  CURRENT APPLICATION NUMBER: US/12/052,760A
;  CURRENT FILING DATE: 2008-03-21
;  PRIOR APPLICATION NUMBER: 12/052,762
;  PRIOR FILING DATE: 2008-03-21
;  PRIOR APPLICATION NUMBER: 10/734,564
;  PRIOR FILING DATE: 2003-12-12
;  PRIOR APPLICATION NUMBER: 60/433,554
;  PRIOR FILING DATE: 2002-12-13
;  PRIOR APPLICATION NUMBER: 60/491,397
;  PRIOR FILING DATE: 2003-07-13
;  NUMBER OF SEQ ID NOS: 138
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 126
;  LENGTH: 1255
;  TYPE: PRT
;  ORGANISM: Homo sapiens
US-12-052-760A-126

  Query Match             49.7%;  Score 174;  DB 4;  Length 1255;
  Best Local Similarity   51.9%;  Pred. No. 1.1e-14;
  Matches   28;  Conservative    5;  Mismatches   21;  Indels    0;  Gaps    0;

Qy          5 NRPRRDCVAEGKVCDPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58
              |||  :|| ||  |  ||: | |||||| ||::|  : ||  ||  |  | | |
Db        498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVEECRVLQGLP 551


RESULT 10
US-12-099-798A-1
; Sequence 1, Application US/12099798A
; Publication No. US20080213295A1
; GENERAL INFORMATION
;  APPLICANT: Martin A. Cheever
;  APPLICANT:Dirk Gheysen
;  TITLE OF INVENTION: HER-2/Neu Fusion Proteins
;  FILE REFERENCE: CRX113US2
;  CURRENT APPLICATION NUMBER: US/12/099,798A
;  CURRENT FILING DATE: 2008-05-07
;  PRIOR APPLICATION NUMBER: 09/854,356
;  PRIOR FILING DATE: 2001-05-09
;  PRIOR APPLICATION NUMBER: 09/493,480 (7,198,92
;  PRIOR FILING DATE: 2000-01-28
;  PRIOR APPLICATION NUMBER: 60/177,976
;  PRIOR FILING DATE: 1999-01-29
;  NUMBER OF SEQ ID NOS: 26
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
```

```
;  LENGTH: 1256
;  TYPE: PRT
;  ORGANISM: Homo Sapiens
;  FEATURE:
;  NAME/KEY: DOMAIN
;  LOCATION: (1)...(653)
;  OTHER INFORMATION: extracellular domain (ECD)
;  NAME/KEY: DOMAIN
;  LOCATION: (676)...(1255)
;  OTHER INFORMATION: intracellular domain (ICD)
;  NAME/KEY: DOMAIN
;  LOCATION: (990)...(1255)
;  OTHER INFORMATION: phosphorylation domain (PD)
;  NAME/KEY: DOMAIN
;  LOCATION: (990)...(1048)
;  OTHER INFORMATION: fragment of the phosphorylation domain, perferred
;  OTHER INFORMATION:portion (delta PD)
US-12-099-798A-1

  Query Match             49.7%;  Score 174;  DB 4;  Length 1256;
  Best Local Similarity   51.9%;  Pred. No. 1.1e-14;
  Matches   28;  Conservative    5;  Mismatches   21;  Indels    0;  Gaps    0;

Qy          5 NRPRRDCVAEGKVCDPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58
              |||  :|| ||  |  ||: | |||||| ||::|  : ||  ||  |  | | |
Db        499 NREPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVEECRVLQGLP 552


RESULT 11
US-12-099-798A-8
; Sequence 8, Application US/12099798A
; Publication No. US20080213295A1
; GENERAL INFORMATION
;  APPLICANT: Martin A. Cheever
;  APPLICANT:Dirk Gheysen
;  TITLE OF INVENTION: HER-2/Neu Fusion Proteins
;  FILE REFERENCE: CRX113US2
;  CURRENT APPLICATION NUMBER: US/12/099,798A
;  CURRENT FILING DATE: 2008-05-07
;  PRIOR APPLICATION NUMBER: 09/854,356
;  PRIOR FILING DATE: 2001-05-09
;  PRIOR APPLICATION NUMBER: 09/493,480 (7,198,92
;  PRIOR FILING DATE: 2000-01-28
;  PRIOR APPLICATION NUMBER: 60/177,976
;  PRIOR FILING DATE: 1999-01-29
;  NUMBER OF SEQ ID NOS: 26
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 8
;  LENGTH: 654
```

```
;  TYPE: PRT
;  ORGANISM: Rattus sp.
;  FEATURE:
;  NAME/KEY: DOMAIN
;  LOCATION: (0)...(0)
;  OTHER INFORMATION: Extracellular domain (ECD) of rat HER-2/neu
US-12-099-798A-8

  Query Match             49.4%;  Score 173;  DB 4;  Length 654;
  Best Local Similarity   51.9%;  Pred. No. 8.1e-15;
  Matches   28;  Conservative    6;  Mismatches   20;  Indels    0;  Gaps    0;

Qy           5 NRPRRDCVAEGKVCDPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58
               |||  ||  || ||: ||: | |||||| ||::| :: ||  ||  |    | |
Db         499 NRPEEDCGLEGLVCNSLCAHGHCWGPGPTQCVNCSHFLRGQECVEECRVWKGLP 552


RESULT 12
US-12-099-798A-2
; Sequence 2, Application US/12099798A
; Publication No. US20080213295A1
; GENERAL INFORMATION
;  APPLICANT: Martin A. Cheever
;  APPLICANT:Dirk Gheysen
;  TITLE OF INVENTION: HER-2/Neu Fusion Proteins
;  FILE REFERENCE: CRX113US2
;  CURRENT APPLICATION NUMBER: US/12/099,798A
;  CURRENT FILING DATE: 2008-05-07
;  PRIOR APPLICATION NUMBER: 09/854,356
;  PRIOR FILING DATE: 2001-05-09
;  PRIOR APPLICATION NUMBER: 09/493,480 (7,198,92
;  PRIOR FILING DATE: 2000-01-28
;  PRIOR APPLICATION NUMBER: 60/177,976
;  PRIOR FILING DATE: 1999-01-29
;  NUMBER OF SEQ ID NOS: 26
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
;  LENGTH: 1256
;  TYPE: PRT
;  ORGANISM: Rattus sp.
;  FEATURE:
;  NAME/KEY: DOMAIN
;  LOCATION: (1)...(654)
;  OTHER INFORMATION: extracellular domain (ECD)
;  NAME/KEY: DOMAIN
;  LOCATION: (677)...(1256)
;  OTHER INFORMATION: intracellular domain (ICD)
;  NAME/KEY: DOMAIN
;  LOCATION: (721)...(998)
```

```
;  OTHER INFORMATION: kinase domain (KD)
;  NAME/KEY: DOMAIN
;  LOCATION: (991)...(1256)
;  OTHER INFORMATION: phosphorylation domain (PD)
;  NAME/KEY: DOMAIN
;  LOCATION: (991)...(1049)
;  OTHER INFORMATION: fragment of the phosphorylation domain, preferred
;  OTHER INFORMATION:portion (delta PD)
US-12-099-798A-2

  Query Match             49.4%;  Score 173;  DB 4;  Length 1256;
  Best Local Similarity   51.9%;  Pred. No. 1.5e-14;
  Matches   28;  Conservative    6;  Mismatches   20;  Indels    0;  Gaps    0;

Qy          5 NRPRRDCVAEGKVCDPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58
              |||  ||  || ||: ||: | |||||| ||::| :: ||  ||  |    | |
Db        499 NRPEEDCGLEGLVCNSLCAHGHCWGPGPTQCVNCSHFLRGQECVEECRVWKGLP 552


RESULT 13
US-12-099-798A-14
; Sequence 14, Application US/12099798A
; Publication No. US20080213295A1
; GENERAL INFORMATION
;  APPLICANT: Martin A. Cheever
;  APPLICANT:Dirk Gheysen
;  TITLE OF INVENTION: HER-2/Neu Fusion Proteins
;  FILE REFERENCE: CRX113US2
;  CURRENT APPLICATION NUMBER: US/12/099,798A
;  CURRENT FILING DATE: 2008-05-07
;  PRIOR APPLICATION NUMBER: 09/854,356
;  PRIOR FILING DATE: 2001-05-09
;  PRIOR APPLICATION NUMBER: 09/493,480 (7,198,92
;  PRIOR FILING DATE: 2000-01-28
;  PRIOR APPLICATION NUMBER: 60/177,976
;  PRIOR FILING DATE: 1999-01-29
;  NUMBER OF SEQ ID NOS: 26
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 14
;  LENGTH: 1256
;  TYPE: PRT
;  ORGANISM: Mus sp.
US-12-099-798A-14

  Query Match             46.9%;  Score 164;  DB 4;  Length 1256;
  Best Local Similarity   50.0%;  Pred. No. 1.9e-13;
  Matches   27;  Conservative    5;  Mismatches   22;  Indels    0;  Gaps    0;

Qy          5 NRPRRDCVAEGKVCDPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58
```

```
                ||||    |   || ||: ||: | |||||| ||::|   : ||   ||   |     | |
Db         499 NRPEEACGLEGLVCNSLCARGHCWGPGPTQCVNCSQFLRGQECVEECRVWKGLP 552


RESULT 14
US-11-429-374-1811
; Sequence 1811, Application US/11429374
; Publication No. US20080213886A1
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: Albumin Fusion Proteins
;  FILE REFERENCE: PF564
;  CURRENT APPLICATION NUMBER: US/11/429,374
;  CURRENT FILING DATE:  2006-05-08
;  PRIOR APPLICATION NUMBER: 10/775,204
;  PRIOR FILING DATE: 2004-02-11
;  PRIOR APPLICATION NUMBER: PCT/US02/40891
;  PRIOR FILING DATE: 2002-12-23
;  PRIOR APPLICATION NUMBER: 60/341,811
;  PRIOR FILING DATE: 2001-12-21
;  PRIOR APPLICATION NUMBER: 60/360,000
;  PRIOR FILING DATE: 2002-02-28
;  PRIOR APPLICATION NUMBER: 60/378,950
;  PRIOR FILING DATE: 2002-05-10
;  PRIOR APPLICATION NUMBER: 60/398,008
;  PRIOR FILING DATE: 2002-07-24
;  PRIOR APPLICATION NUMBER: 60/411,355
;  PRIOR FILING DATE: 2002-09-18
;  PRIOR APPLICATION NUMBER: 60/414,984
;  PRIOR FILING DATE: 2002-10-02
;  PRIOR APPLICATION NUMBER: 60/417,611
;  PRIOR FILING DATE: 2002-10-11
;  PRIOR APPLICATION NUMBER: 60/420,246
;  PRIOR FILING DATE: 2002-10-23
;  Remaining Prior Application data removed - See File Wrapper or PALM.
;  NUMBER OF SEQ ID NOS: 2222
;  SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1811
;   LENGTH: 419
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-11-429-374-1811

  Query Match             25.0%;  Score 87.5;  DB 3;  Length 419;
  Best Local Similarity   35.7%;  Pred. No. 0.00021;
  Matches   15;  Conservative    7;  Mismatches   13;  Indels    7;  Gaps    2;

Qy         10 DCVAEGKVCDPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHC 51
              ||       |   |:: || ||    ||:| :::  |:|  ||
```

```
Db         234 DC------CHEQCAA-GCTGPKHSDCLACLHFNHSGICELHC 268


RESULT 15
US-11-429-374-1643
; Sequence 1643, Application US/11429374
; Publication No. US20080213886A1
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: Albumin Fusion Proteins
;  FILE REFERENCE: PF564
;  CURRENT APPLICATION NUMBER: US/11/429,374
;  CURRENT FILING DATE:  2006-05-08
;  PRIOR APPLICATION NUMBER: 10/775,204
;  PRIOR FILING DATE: 2004-02-11
;  PRIOR APPLICATION NUMBER: PCT/US02/40891
;  PRIOR FILING DATE: 2002-12-23
;  PRIOR APPLICATION NUMBER: 60/341,811
;  PRIOR FILING DATE: 2001-12-21
;  PRIOR APPLICATION NUMBER: 60/360,000
;  PRIOR FILING DATE: 2002-02-28
;  PRIOR APPLICATION NUMBER: 60/378,950
;  PRIOR FILING DATE: 2002-05-10
;  PRIOR APPLICATION NUMBER: 60/398,008
;  PRIOR FILING DATE: 2002-07-24
;  PRIOR APPLICATION NUMBER: 60/411,355
;  PRIOR FILING DATE: 2002-09-18
;  PRIOR APPLICATION NUMBER: 60/414,984
;  PRIOR FILING DATE: 2002-10-02
;  PRIOR APPLICATION NUMBER: 60/417,611
;  PRIOR FILING DATE: 2002-10-11
;  PRIOR APPLICATION NUMBER: 60/420,246
;  PRIOR FILING DATE: 2002-10-23
;  Remaining Prior Application data removed - See File Wrapper or PALM.
;  NUMBER OF SEQ ID NOS: 2222
;  SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1643
;   LENGTH: 1006
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-11-429-374-1643

  Query Match             25.0%;  Score 87.5;  DB 3;  Length 1006;
  Best Local Similarity   35.7%;  Pred. No. 0.00048;
  Matches   15;  Conservative    7;  Mismatches   13;  Indels    7;  Gaps    2;

Qy          10 DCVAEGKVCDPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHC 51
               ||       |    |:: || ||     ||:| :::  |:|  ||
Db         236 DC------CHEQCAA-GCTGPKHSDCLACLHFNHSGICELHC 270
```

Search completed: November 12, 2008, 12:22:05
Job time : 3 secs

SCORE 2.0